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PTO/SB/08 (2-92)  
Sheet 1 of 4

Form PTO-1449

Docket Number: 041673/2054

Application Number: 10/032,952

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant: Tuszynski, Mark H.

Filing Date: 10/26/2001

Group Art Unit: 3

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
gml	A1	01/21/92	5,082,670	Gage et al.	424	520	_____
	A2	06/25/96	5,529,774	Barba et al.	424	93.21	_____
	A3	07/22/97	5,650,148	Gage et al.	424	93.2	_____
	A4	11/04/97	5,683,695	Shen et al.	424	185.1	_____
	A5	05/26/98	5,756,312	Weiner et al.	435	69.3	_____
gml	A6	06/09/98	5,762,926	Gage et al.	424	93.21	_____

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
gml	A7	06/28/90	WO 90/06757	PCT - WIPD	_____	_____	_____

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

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	A9	Banerji et al., "Expression of a beta-globin gene is enhanced by remote SV40 DNA sequences" <u>Cell</u> (1981) 27:299-308.
	A10	Benoist et al., "In vivo sequence requirements of the SV40 early promoter region" <u>Nature</u> (1981) 290:304-10.
	A11	Blesch et al., "Ex vivo gene therapy for Alzheimer's disease and spinal cord injury" <u>Clinical Neuroscience</u> (1996) 3:268-274.
	A12	Borsani et al., "cDNA sequence of human beta-NGF" <u>Nucleic Acids Res.</u> (1990) 18:4020.
	A13	Breathnach et al., "Organization and expression of eucaryotic split genes coding for proteins" <u>Ann. Rev. Biochem.</u> (1981) 50:349-83.
	A14	Chen et al., "Calcium phosphate-mediated gene transfer: a highly efficient transfection system for stably transforming cells with plasmid DNA" <u>BioTechniques</u> (1988) 6:632-8.
	A15	Chen et al., "High-efficiency transformation of mammalian cells by plasmid DNA" <u>Mol. Cell. Biol.</u> (1987) 7:2745-52.
	A16	Chua et al., "Tumor necrosis factor-alpha induces mRNA for collagenase and TIMP in human skin fibroblasts" <u>Connect. Tissue Res.</u> (1990) 25:161-170.
gml	A17	Conner et al., "Distribution of NGF delivered into the rat CNS by either grafted NGF-secreting fibroblasts, intraparenchymal (IP) injections, or IP-infusions" <u>Society for Neuroscience</u> (1997) 23:53 Abstract 29.5.

.1 EXAMINER: Shin-Lin Chen

DATE CONSIDERED: 3-21-03

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	A19	DePamphilis et al., "Microinjecting DNA into mouse ova to study DNA replication and gene expression and to produce transgenic animals" <u>BioTechniques</u> (1988) 6:662-80.
	A20	de Wet et al., "The mRNAs for the pro-alpha 1(I) and pro-alpha 2(I) chains of type I procollagen are translated at the same rate in normal human fibroblasts and in fibroblasts from two variants of osteogenesis imperfecta with altered steady state ratios of the two mRNAs" <u>J. Biol. Chem.</u> (1983) 258:14385-9.
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	A29	Higgins et al., "NGF receptor gene expression is decreased in the nucleus basalis in Alzheimer's disease" <u>Exp. Neurol.</u> (1989) 106:222-36.
	A30	Horellou et al., "Adenovirus-mediated gene transfer to the central nervous system for Parkinson's Disease" <u>Experimental Neurobiology</u> (1997) 144:131-8.
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	A32	Kobayashi et al., "Morphometric study on the CHS of the nucleus basalis of Meynert in Alzheimer's disease" <u>Mol. Chem. Neuropathol.</u> (1991) 15:193-206.
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	A34	Kordower et al., "The aged monkey basal forebrain: Rescue and sprouting of axotomized basal forebrain neurons after grafts of encapsulated cells secreting human nerve growth factor" <u>Proc. Natl. Acad. Sci.</u> (1994) 91:10898-10902.
SL	A35	Lehericy et al., "Heterogeneity and selectivity of the degeneration of cholinergic neurons in the basal forebrain of patients with Alzheimer's disease" <u>J. Comp. Neurol.</u> (1993) 330:15-31.

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	A37	Mannino et al., "Liposome mediated gene transfer" <u>Biotechniques</u> (1988) 6:682-90.
	A38	Maxam et al., "Sequencing end-labeled DNA with base-specific chemical cleavages" <u>Methods in Enzymology</u> (1980) 65:499-560.
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	A42	Moreau et al., "The SV40 72 base repair repeat has a striking effect on gene expression both in SV40 and other chimeric recombinants" <u>Nucleic Acids Res.</u> (1981) 9:6047-6068.
	A43	Mufson et al., "Loss of nerve growth factor receptor-containing neurons in Alzheimer's disease: A quantitative analysis across subregions of the basal forebrain" <u>Exp. Neurol.</u> (1989) 105:221-32.
	A44	Mufson et al., "Nerve growth factor receptor expressing human basal forebrain neurons: pathologic alterations in Alzheimer's and Parkinson's disease" <u>Prog. Clin. Biol. Res.</u> (1989) 317:401-14.
	A45	Palmer et al., "Genetically modified skin fibroblasts persist long after transplantation but gradually inactivate introduced genes" <u>Proc. Natl. Acad. Sci.</u> (1991) 88:1330-4.
	A46	Potter et al., "Electroporation in biology: methods, applications, and instrumentation" <u>Anal. Biochem.</u> (1988) 174:361-73.
	A47	Prockop et al., "Heritable diseases of collagen" <u>N. Eng. J. Med.</u> (1984) 311:376-86.
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	A49	Roberts, et al., "Effects of NGF-Secreting Genetically Modified Cell Grafts on Cholinergic Neuronal Morphology and Cognition in Aged Primates," <u>Soc. For Neuroscience Abstracts</u> , 21(2):613.8 (1995)
	A50	Rossi et al., "Identification of a cell-specific transcriptional enhancer in the first intron of the mouse alpha 2 (type I) collagen gene" <u>Proc. Natl. Acad. Sci.</u> (1987) 84:5590-4.
	A51	Schmidt et al., "Regulation of a collagen promoter by the product of viral mos oncogene" <u>Nature</u> (1985) 314:286-9.
	A52	Seliger et al., "Gamma interferon regulates long terminal repeat-controlled oncogene expression in transformed mouse fibroblasts at the level of mRNA transcription" <u>J. Virology</u> (1988) 62:619-21.
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LM	A54	Shvaloff et al., "Lines of therapeutic research in Alzheimer's disease" <u>Psychopharmacology Bulletin</u> (1996) 32:343-52..
	A55	Smith et al., "Age-associated neuronal atrophy occurs in the primate brain and is reversible by growth factor gene therapy" <u>Proc. Natl. Acad. Sci.</u> (1999) 96:10893-8.
	A56	Smith et al., "Characterization of collagen synthesized by normal and chemically transformed rat liver epithelial cell lines" <u>Biochem.</u> (1980) 19:1820-5.
	A57	Toneguzzo et al., "Electric field-mediated DNA transfer: transient and stable gene expression in human and mouse lymphoid cells" <u>Molec. Cell. Biol.</u> (1986) 6:703-6.
	A58	Tuszynski et al., "Gene therapy in the adult primate brain: intraparenchymal grafts of cells genetically modified to produce nerve growth factor prevent cholinergic neuronal degeneration" <u>Gene Therapy</u> (1996) 3:305-14.
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	A61	Tuszynski et al., "Targeted Intraparenchymal Delivery of Human NGF by Gene Transfer to the Primate Basal Forebrain for 3 Months Does Not Accelerate $\beta$ -Amyloid Plaque Deposition," <u>Experimental Neurology</u> (1998) Article No. EN986956 1-10.
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	A63	Ullrich et al., "Human beta-nerve growth factor gene sequence highly homologous to that of a mouse" <u>Nature</u> (1983) 303:821-5.
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